

American Scientist Annual Index, Volume 84, 1996

Articles

- Ausubel, Jesse H., *Can Technology Spare the Earth?*, Mar., 166
- Balick, Bruce, *The Shapes of Planetary Nebulae*, Jul., 342
- Bass, Andrew H., *Shaping Brain Sexuality*, Jul., 352
- Bergelson, Joy, *Competition between Two Weeds*, Nov., 579
- Birkhead, Tim R., *Mechanisms of Sperm Competition in Birds*, May, 254
- Blum, Kenneth, John G. Cull, Eric R. Braverman and David E. Comings, *Reward Deficiency Syndrome*, Mar., 132
- Bogucki, Peter, *The Spread of Early Farming in Europe*, May, 242
- Droser, Mary L., Richard Fortey and Xing Li, *The Ordovician Radiation*, Mar., 122
- Fuller, Mike, Carlo Laj and Emilio Herrero-Bervera, *The Reversal of the Earth's Magnetic Field*, Nov., 552
- Getz, Lowell L., and C. Sue Carter, *Prairie-Vole Partnerships*, Jan., 56
- Goldman, Alan I., et al., *Quasicrystalline Materials*, May, 230
- Gordon, Carolyn, and David Webb, *You Can't Hear the Shape of a Drum*, Jan., 46
- Hass, Joel, and Roger Schlafly, *Bubbles and Double Bubbles*, Sept., 462
- Holton, Gerald, Hasok Chang and Edward Jurkowitz, *How a Scientific Discovery Is Made: A Case History*, Jul., 364
- Larick, Roy R., and Russell J. Ciochon, *The African Emergence and Early Asian Dispersals of the Genus Homo*, Nov., 538
- Logan, Jonathan, *The Critical Mass*, May, 263
- Mark, Robert, *Architecture and Evolution*, Jul., 383
- McLachlan, John A., and Steven F. Arnold, *Environmental Estrogens*, Sept., 452
- Nathanielsz, Peter W., *The Timing of Birth*, Nov., 562
- Palmer, John D., *Time, Tide and the Living Clocks of Marine Organisms*, Nov., 570
- Provine, Robert R., *Laughter*, Jan., 38
- Scott, Michelle Pellissier, *Communal Breeding in Burying Beetles*, Jul., 376
- Slade, Gordon, *Random Walks*, Mar., 146
- Sonnert, Gerhard, and Gerald Holton, *Career Patterns of Women and Men in the Sciences*, Jan., 63
- Stein, Gary S., Janet L. Stein, André van Wijnen and Jane B. Lian, *The Maturation of a Cell*, Jan., 28
- Valiela, Ivan, et al., *Hurricane Bob on Cape Cod*, Mar., 154
- Vitousek, Peter M., Carla M. D'Antonio, Lloyd L. Loope and Randy Westbrooks, *Biological Invasions as Global Environmental Change*, Sept., 468
- Weilgart, Linda, Hal Whitehead and Katharine Payne, *A Colossal Convergence*, May, 278
- Woodward, James, and David Goodstein, *Conduct, Misconduct and the Structure of Science*, Sept., 479
- Zent, Aaron P., *The Evolution of the Martian Climate*, Sept., 442
- ## Computing Science
- Hayes, Brian, *A Question of Numbers*, Jan., 10
- Hayes, Brian, *Speaking of Mathematics*, Mar., 110
- Hayes, Brian, *Digital Diffraction*, May, 210
- Hayes, Brian, *The Way the Ball Bounces*, Jul., 331
- Hayes, Brian, *Machine Politics*, Nov., 522
- ## Engineering
- Petroski, Henry, *Harnessing Steam*, Jan., 15
- Petroski, Henry, *Henry Martyn Robert*, Mar., 106
- Petroski, Henry, *Bridges of America*, May, 215
- Petroski, Henry, *The Petronas Twin Towers*, Jul., 322
- Petroski, Henry, *Soil Mechanics*, Sept., 428
- Petroski, Henry, *Fax and Context*, Nov., 527
- ## Macroscope
- Hopfenberg, Harold B., *Why Wars Are Lost*, Mar., 102
- Klopfer, Peter H., "Mother Love" Revisited: *On the Use of Animal Models*, Jul., 319
- Lane, Neal, *The Arlington Rotary Club*, May, 208
- Larson, Douglas W., *Curing the Incurable?*, Jan., 7
- Mac Lane, Saunders, *Should Universities Imitate Industry?*, Nov., 520
- Perkowitz, Sidney, *Moving the Goalposts*, Sept., 426
- ## Marginalia
- Fernie, J. Donald, *The Extraordinary and Short-lived Career of Jeremiah Horrocks*, Mar., 114
- Fernie, J. Donald, *The Mysterious Gamma Ray Bursters*, Sept., 434
- Hoffmann, Roald, *Research Strategy: Teach*, Jan., 20
- Hoffmann, Roald, *Cs₃Te₂₂: The One We Now Know*, Jul., 327
- Thomson, Keith S., *The Fall and Rise of the English Bulldog*, May, 220
- Thomson, Keith S., *The Revival of Experiments on Prayer*, Nov., 532
- ## Science Observer
- Bradley, David, *Shining, Unhappy Plants*, Jan., 25
- Bradley, David, *Diamond Takes a Tubular Turn*, May, 339
- Herbst, Laura, *A Vanishing Velodrome*, May, 336
- Hoffman, Michelle, *AIDS: A Howdunit Story*, Jan., 26
- Hoffman, Michelle, *Desperately Seeking BRCA1*, Nov., 535
- Hoffman, Michelle, *Sloughing Towards Senescence*, Jul., 338
- May, Mike, *A Scent Circuit*, Jan., 24
- May, Mike, *Did Mozart Use the Golden Section?*, Mar., 118
- May, Mike, *Skin-Deep Stress*, May, 224
- May, Mike, *Growing Quantum Dots*, Jul., 337
- May, Mike, *Fractal Image Compression*, Sept., 440
- May, Mike, *Quantum Encoding*, Nov., 536
- Penvenne, Laura J., *Mock Aridity*, Jan., 23
- Penvenne, Laura J., *Telltale Tremblors*, May, 225
- Penvenne, Laura J., *Disappearing Delta*, Sept., 438
- Szpir, Michael, *Lunar Phases and Climatic Puzzles*, Mar., 119
- Szpir, Michael, *Toxic Evolution*, May, 227
- Szpir, Michael, *Bits of Ice XI and Ice XII*, Sept., 437
- ## Book and Software Reviews (Major)
- Carroll, C. Ronald, a review of *Naturalist* by Edward O. Wilson and *Journey to the Ants: A Story of Scientific Exploration* by Bert Hölldobler and Edward O. Wilson, Jan., 74
- Chilton, William Scott, a review of *Pyrethrum Flowers: Production, Chemistry, Toxicology, and Uses* by John E. Casida and Gary B. Quistad, Mar., 180
- Clayton, Patti H., a review of *Darwin's Dangerous Idea: Evolution and the Meanings of Life* by Daniel C. Dennett, May, 289
- Ehrlich, Anne H., a review of *How Many People Can the Earth Support?* by Joel E. Cohen, Sept., 494
- Feduccia, Alan, a review of *Ornithology* by Frank B. Gill, Jul., 393
- Finkel, Adam M., a review of *But Is It True? A Citizen's Guide to Environmental Health and Safety Issues* by Aaron Wildavsky, Sept., 491
- Hayes, Brian, a review of *The End of Science: Facing the Limits of Knowledge in the Twilight of the Scientific Age* by John Horgan, Sept., 495
- Kolb, Charles C., a review of *Archaeological Views from the Countryside: Village Communities in Early Complex Societies*, ed. Glenn M. Schwartz and Steven E. Falconer and *Village Spaces: Settlement and Society in Northeastern Iran* by Lee Horne, Jan., 75
- Layton, Edwin T., a review of *Engineers of Dreams: Great Bridge Builders and the Spanning of America* by Henry Petroski, Jul., 390
- Lutz, Diana, a review of *Chattanooga Sludge* by Molly Bang, Nov., 585
- Metzger, Norman, a review of *The Same and Not the Same* by Roald Hoffmann, May, 288
- Ornstein, Peter A., and Catherine A. Haden, a review of *Victims of Memory: Incest Accusations and Shattered Lives* by Mark Pennergrast, Sept., 493
- Pennock, Robert T., a review of *Research Ethics: Cases and Materials*, ed. Robin Levin Penslar; *Ethical Issues in Scientific Research: An Anthology*, ed. Edward Erwin, Sidney Gendin and Lowell Kleiman; and *Ethics of Scientific Research* by Kristin Schrader-Frechette, Mar., 179
- Schimmel, Paul, a review of *Vital Dust: Life as a Cosmic Imperative* by Christian de Duve, Jan., 72
- Stent, Gunther S., *Force of Nature: The Life of Linus Pauling* by Thomas Hager, May, 291
- Thompson, William J., *Bibliographic Software*, Jul., 411
- Thompson, William J., et al., *From Inner Space to Outer Space: Education and Entertainment on CD-ROM*, Nov., 593
- Weintraub, E. Roy, *Trust in Numbers: The Pursuit of Objectivity in Science and Public Life* by Theodore M. Porter, Jul., 391